

	A	B	C	D	E	F
1						
2		State of California				
3		Department of General Services				
4		IT Hardware Enterprise eRFP# DGS 5008 - Addendum #3				
5		Pricing Worksheet #5 - Disk Storage Systems for Mainframe				
6		<a href="#">[Back to Table of Contents]</a>				
7						
8			Cells highlighted in yellow are mandatory fields			
9		Bidder Name:	Northrop Grumman Computing Systems			
10		Submitted by:	Duane Fletcher			
			Instructions: Bidders MUST provide specifications and pricing for ALL common configurations included on this subcategory with proposed models that will meet or exceed the specifications provided. In addition, bidders MUST provide pricing for ALL existing options consistent, enterprise-class machines with stable platforms. For upgrade options, propose the most cost-effective items that are consistent with the respective configuration specifications. Bidders MUST submit a detailed product /specification sheet for each product verifiable record of the submitted Index Price.			
11						
12						
13		Disk Storage Systems for Mainframe		Entry-level		
14		Common Configurations	Product Specification	Minimum Requirements		Meet, Exceed or Not Meet Requirements
15			RAID Controller:	Dual		Exceeds Requirements
16			RAID Levels Supported:	1, 5, 10		Exceeds Requirements
17			Cache Memory per Controller (Base):	256MB		Exceeds Requirements
18			Battery Backup for Cache	Yes		Exceeds Requirements
19			Channel Type:	Fibre Channel		Meets Requirements
20			Host Adapters Interface:	FICON		Exceeds Requirements
21			Number of Channels (Base):	8		Exceeds Requirements
22			Drive Interface:	2Gb/sec Fibre Channel		Meets Requirements
23			Supported Drives:	Universal FC hard disk drives (72/146/300GB 10K RPM and 72/146 15K RPM)		Meets Requirements
24			Minimum Physical Storage Capacity (in TB)	2.0TB		Exceeds Requirements
25			Global Spare Hard Drives (Base)	2		Exceeds Requirements
26			High-availability Features:	Non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure		Exceeds Requirements
27			Power Supplies and Fans:	Redundant Hot-Swappable Power Supply and Cooling		Meets Requirements
28			Chassis:	Rack-Ready or Cabinet		Meets Requirements
29			Server Compatibility:	Certified on IBM (zSeries and S390 among others), Sun and HP servers among other enterprise-class servers		Exceeds Requirements
30			Operating System Supported:	At a minimum, but not limited to, IBM zOS, IBM OS/390, IBM z/VM, IBM-AIX, HP-UX, Sun Solaris		Exceeds Requirements
31			Software Compatibility:	Extensive list of supported backup and storage management applications from vendors such as HP, CA, VERITAS, Yosemite, Legato, Tivoli among others		Exceeds Requirements
32			Warranty:	3-year parts exchange, 8x5xNext-Business-Day response		Exceeds Requirements
33		Bidder's Proposed Model	OEM			
34			Model Name			
35			Model Number (SKU)			
36			Index Name (Retail, Website, etc.)			
37			Index Name URL Address			
38			Current Index Price			
39			Discount			
40			RFP Price			
41			Typical Duration Between Index Price Updates (Months)			
42			Model Release Date			
43			Model Phase Out Date			
44		Options	Change to Requirements Shown Above	OEM	Model Number (SKU)	Index Price
45		Optional Functionality	Data Protection (Backup + Restore Software)	IBM	393751	\$9,895
46			Data Management	EMC	SE-SMIS-STDS	Included at no additional cost
47			Disk System Management	EMC	SE-SMIS-STDS	Included at no additional cost
48			Storage Area Management	EMC	SE-SMIS-STDS	Included at no additional cost
49			Storage Resource Management	EMC	SE-SMIS-STDS	Included at no additional cost
50		Host Adapter	2Gb/sec Fibre Channel	EMC	DMX-FC8MOS	68220
51			ESCON	EMC	DMX-ESCD8	44700
52		Cache	512MB Total Memory	EMC	Included	Included at no additional cost
53			1GB Total Memory	EMC	Included	Included at no additional cost
54			2GB Total Memory	EMC	Included	Included at no additional cost
55			4GB Total Memory	EMC	Included	Included at no additional cost
56			8GB Total Memory	EMC	CAL-MF-DMX1000-2TB-8GB	413420
57			16GB Total Memory	EMC	CAL-MF-DMX1000-2TB-16GB	424820
58			32GB Total Memory	EMC	CAL-MF-DMX1000-2TB-32GB	447020
59		Other Accessories	64GB Total Memory	EMC	CAL-MF-DMX1000-2TB-64GB	581820
60			128GB Total Memory	EMC	CAL-MF-DMX1000-2TB-128GB	825820
61			Rack-mount Kit		Not Technically Available	Not Technically Available
62		Support Services	Upgrade to 3-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
63			Additional 1-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
64			Additional 2-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
65			Upgrade to 3-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
66			Additional 1-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
67			Additional 2-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
68			Additional 1-Y warranty 8x5xNBD	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
69			Additional 2-Y warranty 8x5xNBD	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
70			Device Installation Services (\$/hr)	EMC	Included at no additional cost	Included at no additional cost
71			Data Migration Services (\$/hr)	EMC	Associate Implementation Specialist	\$145

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11	hat are technically available in the market for each common configuration. If an option is not technically available, please mark the cell as "Not Technically Available". If a bidder is a Value Added Reseller (VAR), you must select one Original Equipment Manufacturer (OEM) which you will use across all configurations for this subcategory. Propose only that is proposed to the State. The product sheets should be submitted in hard copy format with the pricing proposal or by providing the URL's that link to the product description information in the cell below, preferably both. The Index Price shall be the Index Price on the RFP release date as set forth in Section 6 of the eRFP. Bidders shall provide a				
12					
13	Midrange				
14	Bidder's Proposed Specs	Minimum Requirements		Meet, Exceed or Not Meet Requirements	Bidder's Proposed Specs
15	The DMX1000 has 4 back-end controllers. The Symmetrix ca	Dual		Exceeds Requirements	The DMX1000 has 4 back-end controllers. The Symmetrix D
16	Supports RAID 0, 1, 5, 10 and RAID-S	1, 5, 10		Exceeds Requirements	Supports RAID 0, 1, 5, 10 and RAID-S
17	Configured with (4) GB of Cache	512MB		Exceeds Requirements	Configured with (8) GB of Cache
18	Integrity during power outages. The BBU provides	Yes		Exceeds Requirements	during power outages. The BBU provides the means for
19	2 Gb per sec Fibre Channel interfaces	Fibre Channel		Meets Requirements	2 Gb per sec Fibre Channel interfaces
20	2 Gb per sec FICON interfaces. The Symmetrix ca	FICON		Exceeds Requirements	2 Gb per sec FICON interfaces. The Symmetrix can also su
21	Configured with (8) 2 Gb per second FICON Ports	8		Exceeds Requirements	Configured with (8) 2 Gb per second FICON Ports. Upgrade
22	(16) 2 Gb per second back-end Fibre Channel loop	2Gb/sec Fibre Channel		Meets Requirements	(16) 2 Gb per second back-end Fibre Channel loops.
23	Supports 73/146/300 GB 10K and 73/146 GB 15K	Universal FC hard disk drives (72/146/300GB 10K RPM and 72/146 15K RPM)		Meets Requirements	Supports 73/146/300 GB 10K and 73/146 GB 15K Fibre Cha
24	Upgradeable to 144 drives.	7.0TB		Exceeds Requirements	Upgradeable to 144 drives.
25	User selectable hot spares, limited only by the num	2		Exceeds Requirements	User selectable hot spares, limited only by the number of dr
26	The Symmetrix DMX goes beyond yesterday's des	Non-disruptive contollers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure		Exceeds Requirements	The Symmetrix DMX goes beyond yesterday's designs to se
27	Hot swappable power supplies and fans	Redundant Hot-Swappable Power Supply and Cooling		Meets Requirements	Hot swappable power supplies and fans
28	Cabinet Included	Rack-Ready or Cabinet		Meets Requirements	Cabinet Included
29	The Symmetrix supports these servers as well as	Certified on IBM (zSeries and S390 among others), Sun and HP servers among other enterprise-class servers		Exceeds Requirements	The Symmetrix supports these servers as well as the most s
30	The Symmetrix supports the most operating syste	At a minimum, but not limited to, IBM zOS, IBM OS/390, IBM zVM, IBM-AIX, HP-UX, Sun Solaris		Exceeds Requirements	The Symmetrix supports the most operating systems in the
31	The Symmetrix supports the most backup and stor	Extensive list of supported backup and storage management applications from vendors such as HP, CA, VERITAS, Yosemite, Legato, Tivoli among others		Exceeds Requirements	The Symmetrix supports the most backup and storage mana
32	Exceeds requirement with 5 Year onsite warranty	3-year parts exchange, 8x5xNext-Business-Day response		Exceeds Requirements	Exceeds requirement with 5 Year onsite warranty with resp
33	EMC				EMC
34	Symmetrix DMX1000				Symmetrix DMX1000
35	CAL-MF-DMX1000-2TB				CAL-MF-DMX1000-7TB
36	Website				Website
37	<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>				<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>
38	410220				413420
39	0.9692				0.9692
40	12621.43				12747.96
41	30 Days/1 Month				30 Days/1 Month
42	Jan-03				Jan-03
43	No Date Scheduled				No Date Scheduled
44	\$ (+ or -) Change to RFP Price Above	OEM	Model Number (SKU)	Index Price	\$ (+ or -) Change to RFP Price Above
45	\$6,058.16	IBM	393751	\$9,895	\$6,058.16
46	Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
47	Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
48	Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
49	Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
50	\$1,250.00	EMC	DMX-FC8MOS	68220	\$1,250.00
51	\$1,569.39	EMC	DMX-ESCD8	44700	\$1,569.39
52	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
53	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
54	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
55	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
56	\$126.86	EMC	Included	Included at no additional cost	Included at no additional cost
57	\$364.81	EMC	CAL-MF-DMX1000-7TB-16GB	424820	\$238.28
58	\$852.77	EMC	CAL-MF-DMX1000-7TB-32GB	447020	\$726.24
59	\$3,277.47	EMC	CAL-MF-DMX1000-7TB-64GB	581820	\$3,150.94
60	7,443.59	EMC	CAL-MF-DMX1000-7TB-128GB	825820	7,317.06
61	Not Technically Available		Not Technically Available		Not Technically Available
62	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
63	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
64	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
65	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
66	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
67	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
68	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
69	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
70	Included at no additional cost	EMC	Included at no additional cost	Included at no additional cost	Included at no additional cost
71	\$45	EMC	Associate Implementation Specialist	\$145	\$45

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1					
2	State of California				
3	Department of General Services				
4	IT Hardware Enterprise eRFP# DGS 5008 - Addendum #3				
5	Pricing Worksheet #5 - Disk Storage Systems for Mainframe				
6	<a href="#">[Back to Table of Contents]</a>				
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11					
12					
13	Disk Storage Systems for Mainframe		Enterprise Type A		
14	Common Configurations	Product Specification	Minimum Requirements		Meet, Exceed or Not Meet Requirements
15		RAID Controller:	Dual		Exceeds Requirements
16		RAID Levels Supported:	1, 5, 10		Exceeds Requirements
17		Cache Memory per Controller (Base):	1GB		Exceeds Requirements
18		Battery Backup for Cache	Yes		Exceeds Requirements
19		Channel Type:	Fibre Channel		Meets Requirements
20		Host Adapters Interface:	FICON		Exceeds Requirements
21		Number of Channels (Base):	8		Exceeds Requirements
22		Drive Interface:	2Gb/sec Fibre Channel		Meets Requirements
23		Supported Drives:	Universal FC hard disk drives (72/146/300GB 10K RPM and 72/146 15K RPM)		Meets Requirements
24		Minimum Physical Storage Capacity (in TB)	16.0TB		Exceeds Requirements
25		Global Spare Hard Drives (Base)	4		Exceeds Requirements
26		High-availability Features:	Non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure		Exceeds Requirements
27		Power Supplies and Fans:	Redundant Hot-Swappable Power Supply and Cooling		Meets Requirements
28		Chassis:	Rack-Ready or Cabinet		Meets Requirements
29		Server Compatibility:	Certified on IBM (zSeries and S390 among others), Sun and HP servers among other enterprise-class servers		Exceeds Requirements
30		Operating System Supported:	At a minimum, but not limited to, IBM zOS, IBM OS/390, IBM z/VM, IBM-AIX, HP-UX, Sun Solaris		Exceeds Requirements
31		Software Compatibility:	Extensive list of supported backup and storage management applications from vendors such as HP, CA, VERITAS, Yosemite, Legato, Tivoli among others		Exceeds Requirements
32		Warranty:	3-year parts exchange, 8x5xNext-Business-Day response		Exceeds Requirements
33	Bidder's Proposed Model	OEM			
34		Model Name			
35		Model Number (SKU)			
36		Index Name (Retail, Website, etc.)			
37		Index Name URL Address			
38		Current Index Price			
39		Discount			
40		RFP Price			
41		Typical Duration Between Index Price Updates (Months)			
42		Model Release Date			
43		Model Phase Out Date			
44	Options	Change to Requirements Shown Above	OEM	Model Number (SKU)	Index Price
45	Optional Functionality	Data Protection (Backup + Restore Software)	IBM	393751	\$9,895
46		Data Management	EMC	SE-SMIS-STDS	Included at no additional cost
47		Disk System Management	EMC	SE-SMIS-STDS	Included at no additional cost
48		Storage Area Management	EMC	SE-SMIS-STDS	Included at no additional cost
49		Storage Resource Management	EMC	SE-SMIS-STDS	Included at no additional cost
50	Host Adapter	2Gb/sec Fibre Channel	EMC	DMX-FC8MOS	68220
51		ESCON	EMC	DMX-ESCD8	44700
52	Cache	512MB Total Memory	EMC	Included	Included at no additional cost
53		1GB Total Memory	EMC	Included	Included at no additional cost
54		2GB Total Memory	EMC	Included	Included at no additional cost
55		4GB Total Memory	EMC	Included	Included at no additional cost
56		8GB Total Memory	EMC	Included	Included at no additional cost
57		16GB Total Memory	EMC	Included	Included at no additional cost
58		32GB Total Memory	EMC	CAL-MF-DMX1000-16TB-32GB	447020
59		64GB Total Memory	EMC	CAL-MF-DMX1000-16TB-64GB	581820
60		128GB Total Memory	EMC	CAL-MF-DMX1000-16TB-128GB	825820
61	Other Accessories	Rack-mount Kit		Not Technically Available	Not Technically Available
62	Support Services	Upgrade to 3-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
63		Additional 1-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
64		Additional 2-Y warranty 24x7x2	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
65		Upgrade to 3-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
66		Additional 1-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
67		Additional 2-Y warranty 8x5x4	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
68		Additional 1-Y warranty 8x5xNBD	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
69		Additional 2-Y warranty 8x5xNBD	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost
70		Device Installation Services (\$/hr)	EMC	Included at no additional cost	Included at no additional cost
71		Data Migration Services (\$/hr)	EMC	Associate Implementation Specialist	\$145

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	ALL existing options that are technically available in the market for each common configuration. If an option is not technically available, please mark the cell as "Not Technically Available". If a bidder is a Value Added Reseller (VAR), you must select one Original Equipment Manufacturer (OEM) which you will use across all configurations for this subcategory. The product specification sheet for each product that is proposed to the State. The product sheets should be submitted in hard copy format with the pricing proposal or by providing the URL's that link to the product description information in the cell below, preferably both. The Index Price shall be the Index Price on the RFP release date as set forth in Section 6 of the eRFP.				
11					
12					
13	Enterprise Type B				
14	Bidder's Proposed Specs	Minimum Requirements		Meet, Exceed or Not Meet Requirements	Bidder's Proposed Specs
15	The DMX1000 has 4 back-end controllers. The Symmetrix DMX1000 has 4 back-end controllers. The Symmetrix DMX1000 has 4 back-end controllers.	Dual		Exceeds Requirements	The DMX1000 has 4 back-end controllers. The Symmetrix DMX1000 has 4 back-end controllers.
16	Supports RAID 0, 1, 5, 10 and RAID-S	1, 5, 10		Exceeds Requirements	Supports RAID 0, 1, 5, 10 and RAID-S
17	Configured with (24) GB of Cache	1GB		Exceeds Requirements	Configured with (48) GB of Cache
18	during power outages. The BBU provides the means for	Yes		Exceeds Requirements	during power outages. The BBU provides the means for
19	2 Gb per sec Fibre Channel interfaces	Fibre Channel		Meets Requirements	2 Gb per sec Fibre Channel interfaces
20	2 Gb per sec FICON interfaces. The Symmetrix can also support 2 Gb per sec FICON interfaces. The Symmetrix can also support 2 Gb per sec FICON interfaces.	FICON		Exceeds Requirements	2 Gb per sec FICON interfaces. The Symmetrix can also support 2 Gb per sec FICON interfaces.
21	Configured with (8) 2 Gb per second FICON Ports. Upgradeable to (16) 2 Gb per second back-end Fibre Channel loops.	8		Exceeds Requirements	Configured with (8) 2 Gb per second FICON Ports. Upgradeable to (16) 2 Gb per second back-end Fibre Channel loops.
22	(16) 2 Gb per second back-end Fibre Channel loops.	2Gb/sec Fibre Channel		Meets Requirements	(16) 2 Gb per second back-end Fibre Channel loops.
23	Supports 73/146/300 GB 10K and 73/146 GB 15K Fibre Channel drives.	Universal FC hard disk drives (72/146/300GB 10K RPM and 72/146 15K RPM)		Meets Requirements	Supports 73/146/300 GB 10K and 73/146 GB 15K Fibre Channel drives.
24	Upgradeable to 144 drives.	42.0TB		Exceeds Requirements	Upgradeable to 144 drives.
25	User selectable hot spares, limited only by the number of drives	4		Exceeds Requirements	User selectable hot spares, limited only by the number of drives
26	The Symmetrix DMX goes beyond yesterday's designs to support non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure	Non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure		Exceeds Requirements	The Symmetrix DMX goes beyond yesterday's designs to support non-disruptive controllers firmware upgrades / No-disruptive installation of cache, channels or hard drives / No single point of failure
27	Hot swappable power supplies and fans	Redundant Hot-Swappable Power Supply and Cooling		Meets Requirements	Hot swappable power supplies and fans
28	Cabinet Included	Rack-Ready or Cabinet		Meets Requirements	Cabinet Included
29	The Symmetrix supports these servers as well as the most popular operating systems in the market	Certified on IBM (zSeries and S390 among others), Sun and HP servers among other enterprise-class servers		Exceeds Requirements	The Symmetrix supports these servers as well as the most popular operating systems in the market
30	The Symmetrix supports the most operating systems in the market	At a minimum, but not limited to, IBM zOS, IBM OS/390, IBM zVM, IBM-AIX, HP-UX, Sun Solaris		Exceeds Requirements	The Symmetrix supports the most operating systems in the market
31	The Symmetrix supports the most backup and storage management applications	Extensive list of supported backup and storage management applications from vendors such as HP, CA, VERITAS, Yosemite, Legato, Tivoli among others		Exceeds Requirements	The Symmetrix supports the most backup and storage management applications
32	Exceeds requirement with 5 Year onsite warranty with response time	3-year parts exchange, 8x5xNext-Business-Day response		Exceeds Requirements	Exceeds requirement with 5 Year onsite warranty with response time
33	EMC				EMC
34	Symmetrix DMX1000				Symmetrix DMX1000
35	CAL-MF-DMX1000-16TB				CAL-MF-DMX1000-42TB
36	Website				Website
37	<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>				<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>
38	500420				543620
39	0.972				0.9723
40	14001.02				15066.33
41	30 Days/1 Month				30 Days/1 Month
42	Jan-03				Jan-03
43	No Date Scheduled				No Date Scheduled
44	\$ (+ or -) Change to RFP Price Above	OEM	Model Number (SKU)	Index Price	\$ (+ or -) Change to RFP Price Above
45	\$6,058.16	IBM	393751	\$9,895	\$6,058.16
46	Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
47	Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
48	Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
49	Included at no additional cost	EMC	SE-SMIS-STDS	Included at no additional cost	Included at no additional cost
50	\$1,250.00	EMC	DMX-FC8MOS	68220	\$1,250.00
51	\$1,569.39	EMC	DMX-ESCD8	44700	\$1,569.39
52	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
53	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
54	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
55	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
56	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
57	Included at no additional cost	EMC	Included	Included at no additional cost	Included at no additional cost
58	(\$526.82)	EMC	Included	Included at no additional cost	Included at no additional cost
59	\$1,897.88	EMC	CAL-MF-DMX1000-42TB-64GB	591420	\$832.57
60	6,064.00	EMC	CAL-MF-DMX1000-142TB-128GB	835420	4,998.69
61	Not Technically Available		Not Technically Available		Not Technically Available
62	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
63	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
64	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
65	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
66	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
67	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
68	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
69	Included at no additional cost	EMC	Included at no additional cost in 5 Year Warranty - per geographic coverage in 5.4.18	Included at no additional cost	Included at no additional cost
70	Included at no additional cost	EMC	Included at no additional cost	Included at no additional cost	Included at no additional cost
71	\$45	EMC	Associate Implementation Specialist	\$145	\$45

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2	State of California					
3	Department of General Services					
4	IT Hardware Enterprise eRFP# DGS 5008 - Addendum #3					
5	Pricing Worksheet #5 - Disk Storage Systems for Mainframe					
6	<a href="#">[Back to Table of Contents]</a>					
7						
8		Cells highlighted in yellow are mandatory fields				
9	Bidder Name:	Northrop Grumman Computing Systems				
10	Submitted by:	Duane Fletcher				
11	Instructions: Bidders MUST provide specifications and pricing for ALL common configurations included on this subcategory with proposed models that will meet or exceed the specifications provided. In addition, bidders MUST provide pricing for ALL existing options that are technically available in the market for each common configuration. If an option is not technically available, please mark the cell as "Not Technically Available". If a bidder is a Value Added Reseller (VAR), you must select one Original Equipment Manufacturer (OEM) which you will use across all configurations for this subcategory. Propose only consistent, enterprise-class machines with stable platforms. For upgrade options, propose the most cost-effective items that are consistent with the respective configuration specifications. Bidders MUST submit a detailed product /specification sheet for each product that is proposed to the State. The product sheets should be submitted in hard copy format with the pricing proposal or by providing the URL's that link to the product description information in the cell below, preferably both. The Index Price shall be the Index Price on the RFP release date as set forth in Section 6 of the eRFP. Bidders shall provide a verifiable record of the submitted Index Price.					
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13		FC HDD	FC HDD Type A		FC HDD Type B	
14	Common Configurations	Product Specification	Minimum Requirements	Meet, Exceed or Not Meet Requirements	Minimum Requirements	Meet, Exceed or Not Meet Requirements
15		Capacity (GB)	72.8GB	Meets Requirements	72.8GB	Meets Requirements
16		RPM	10K RPM	Meets Requirements	15K RPM	Meets Requirements
17		Form Factor	1"	Meets Requirements	1"	Meets Requirements
18		Interface	Fibre Channel	Meets Requirements	Fibre Channel	Meets Requirements
19	Bidder's Proposed Model	OEM		EMC		EMC
20		Model Name		DMX 73 GB 10K Drive		DMX 73 GB 15K Drive
21		Model Number (SKU)		DMX2G10-731		DMX2G15-731
22		Index Name (Retail, Website, etc.)		Website		Website
23		Index Name URL Address		<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>		<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>
24		Current Index Price		1375		2500
25		Discount		0.7069		0.8249
26		RFP Price		403.06		437.76
27		Typical Duration Between Index Price Updates (Months)		30 Days/1 Month		30 Days/1 Month
28		Model Release Date		Q4-2002		Q1-2004
29		Model Phase Out Date		No Date Scheduled		No Date Scheduled
30	Industry. The published EMC support matrix is in excess of 1000 pages.					
31	Management applications in the industry. The published EMC support matrix is in excess of 1000 pages					
32	Access times per Section 5.4.17 which can provide 24x7x2, 24x7x4 and 8x5xNBD depending upon geography					
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2	State of California					
3	Department of General Services					
4	IT Hardware Enterprise eRFP# DGS 5008 - Addendum #3					
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13		FC HDD	FC HDD Type C		FC HDD Type D	
14	Common Configurations	Product Specification	Minimum Requirements	Meet, Exceed or Not Meet Requirements	Minimum Requirements	Meet, Exceed or Not Meet Requirements
15		Capacity (GB)	146.8GB	Meets Requirements	146.8GB	Meets Requirements
16		RPM	10K RPM	Meets Requirements	15K RPM	Meets Requirements
17		Form Factor	1"	Meets Requirements	1"	Meets Requirements
18		Interface	Fibre Channel	Meets Requirements	Fibre Channel	Meets Requirements
19	Bidder's Proposed Model	OEM		EMC		EMC
20		Model Name		DMX 146 GB 10K Drive		DMX146 GB 15K Drive
21		Model Number (SKU)		DMX2G10-1461		DMX2G15-1461
22		Index Name (Retail, Website, etc.)		Website		Website
23		Index Name URL Address		<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>		<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>
24		Current Index Price		2470		4460
25		Discount		0.6588		0.6497
26		RFP Price		842.86		1562.24
27		Typical Duration Between Index Price Updates (Months)		30 Days/1 Month		30 Days/1 Month
28		Model Release Date		Q1-2003		Q2-2005
29		Model Phase Out Date		No Date Scheduled		No Date Scheduled
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3	Department of General Services			
4	IT Hardware Enterprise eRFP# DGS 5008 - Addendum #3			
5	Pricing Worksheet #5 - Disk Storage Systems for Mainframe			
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10	Submitted by:	Duane Fletcher		
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12				
13		FC HDD		FC HDD Type E
14	Common Configurations	Product Specification	Minimum Requirements	Meet, Exceed or Not Meet Requirements
15		Capacity (GB)	300GB	Meets Requirements
16		RPM	10K rpm	Meets Requirements
17		Form Factor	1"	Meets Requirements
18		Interface	Fibre Channel	Meets Requirements
19	Bidder's Proposed Model	OEM		EMC
20		Model Name		DMX 300 GB 10K Drive
21		Model Number (SKU)		DMX2G10-3001
22		Index Name (Retail, Website, etc.)		Website
23		Index Name URL Address		<a href="http://www.shop.it.northropgrumman.com/StateOfCa/">www.shop.it.northropgrumman.com/StateOfCa/</a>
24		Current Index Price		4780
25		Discount		0.6634
26		RFP Price		1609.18
27		Typical Duration Between Index Price Updates (Months)		30 Days/1 Month
28		Model Release Date		Q2-2005
29		Model Phase Out Date		No Date Scheduled
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3	Department of General Services									
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13	Options and Accessories									
14	Options	Change to Requirements Shown Above	OEM	Model Name	Model Number (SKU)	Index Name (Retail, Website, etc.)	Index Name URL Address	Current Index Price	Discount	RFP Price
15	Cache Memory	256MB Memory Module		Not Technically Avail	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically	Not Technically A
16		512MB Memory Module		Not Technically Avail	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically	Not Technically A
17		1GB Memory Module		Not Technically Avail	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically Available	Not Technically	Not Technically A
18		2GB Memory Module	EMC	DMX-M5-2048	DMX-M5-2048	Website	<a href="http://www.shop.it.northropgrumman.com/Stat">www.shop.it.northropgrumman.com/Stat</a>	36200	0.9877	444.9
19		4GB Memory Module	EMC	DMX-M5-4096	DMX-M5-4096	Website	<a href="http://www.shop.it.northropgrumman.com/Stat">www.shop.it.northropgrumman.com/Stat</a>	37800	0.9866	508.16
20		8GB Memory Module	EMC	DMX-M5-8192	DMX-M5-8192	Website	<a href="http://www.shop.it.northropgrumman.com/Stat">www.shop.it.northropgrumman.com/Stat</a>	43500	0.9856	626.53
21		16GB Memory Module	EMC	DMX-M5-16384	DMX-M5-16384	Website	<a href="http://www.shop.it.northropgrumman.com/Stat">www.shop.it.northropgrumman.com/Stat</a>	54600	0.9841	870.41
22		32GB Memory Module	EMC	DMX-M5-32768	DMX-M5-32768	Website	<a href="http://www.shop.it.northropgrumman.com/Stat">www.shop.it.northropgrumman.com/Stat</a>	122000	0.9829	2082.65
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	Instructions: Bidders MUST provide a discount-off-list for ANY options and/or accessories not specified on this pricing worksheet but the State may require for installed disk storage devices for mainframes
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13	Discount-Off-List for ALL other Accessories and Parts for Disk Storage Systems
14	20%
15	available
16	available
17	available
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